

WRTAC
October 8, 2010
Sponsored by: St. Patrick's Hospital

Called to order at 1150

Introductions made

Previous minutes were reviewed. John Bleicher motioned to approve minutes Michelle Schaefer seconded and all were in favor.

SQL Presentations:

Leah Emerson from St. Luke's in Ronan presented 3 cases. The first patient had a stab wound to the chest, the patient had a 6 minute scene time and a 57 minute ER dwell time. The helicopter was notified early in the process which helped transfer go smoothly.

The second and third cases involved two drowning victims who were both under water for over 20 minutes. CPR was initiated on both and brought to the ER. Warming measures were initiated immediately with little results. Both patients expired. Hypothermia in trauma care was discussed. "The critical temperature of 32 C results in 100% mortality independent of injuries." The possibility of doing bypass, and chest tubes for warming lavage were discussed.

Dr. Raiser from St. James presented 2 cases. The first patient was a HIV and Hepatitis C positive homeless person with a stab wound to the chest. CT showed a small hemopericardium sliver pneumothorax so the patient was taken to the OR for a thoracoscopy. The patient had a laceration to the left ventricle and phrenic nerve. Chest tubes were placed. Sniff test was performed and the patient had a diaphragmatic paralysis. Patient discharged day 9.

The second patient was an elderly restrained driver whose car crashed and ended in a creek. The patient was found standing waist deep in water with a pulseless left open ankle fracture. The patient was obese, had sick sinus syndrome and diabetes and took Coumadin. Other injuries included sternal and rib fractures, plueral hematoma, and scalp hematoma. Patient was discharged to extended care on day 7.

Bill Norton from KRMC presented 1 case. Husband and wife on motorcycle crashed. Ground ambulance was on scene. The first patient was taken to KRMC by the helicopter. EMS waited on scene with second patient until the helicopter returned to pick up the second patient. It was determined that the ground crew could have made it to the hospital 10 to 12 minutes earlier than the second helicopter. It was determined that the second patient should have been taken by ground ambulance.

John Bleicher with St. Pat's presented 4 cases. The first patient was the driver of vehicle that struck a tree and caught fire. The patient was removed by bystanders and a BVM was used to assist in breathing. The patient had soot in his mouth and was talking hoarse. Patient was intubated on second attempt.

The question was brought up about sending the patient directly to Harborview. The patient was stabilized at St. Pat's and then sent to Harborview.

The second patient rolled down a hill on an ATV. The patient had an unstable pelvis that was sheeted at the hospital. The trauma team was deactivated an hour and 15 minutes after arrival at St. Pat's. The patient was intubated and no ABG's were drawn. The patient received an embolization of the iliac artery. The patient was transferred to Harborview by fixed wing and arrested in the air. Sheeting the pelvis was discussed with EMS. Morphine decreases blood pressure so Fentanyl is recommended. If the blood pressure drops and responds to crystalloids and drops again consider ongoing bleeding and use blood products earlier.

The third patient was an unhelmeted motorcyclist that crashed. There was a nine minute scene time and 6 minute transfer time. The patient had decorticate posturing, a head injury, and a pneumothorax. The patient gradually seemed to get better and then had an ischemic infarct.

The fourth patient was involved in a head on collision. The patient was admitted to the ICU and had a ten beat run of V-Tach and later asymptomatic bradycardia. An echo showed ischemic changes and elevated troponin. The patient's troponin was significantly higher on day four and the patient was discharged on day 15. Two days later the patient expired. The autopsy showed that the patient had had an MI that may have occurred earlier.

There was also a patient involved in a crash that was a trauma arrest in the field. It was called code blue and not trauma alert by the hospital. There was no surgeon or trauma team present. After the patient's BP and pulse returned then a trauma alert was called.

New Business – No New Business at this time

Old Business:

Tourniquets – Larry Peterman with Life Flight crew did a demonstration on the new Tourniquet they are using – **CAT** tourniquet (combat application tourniquet).

The Montana Airway study is ongoing. If EMS brings a patient into ER with an ETT, Combitube or King airway please fill out card and have provider complete second part.

When BLS cancels ALS – St. Pat's has come out with a tool that will be used to help BLS crews determine when they should not cancel ALS crews that have been dispatched. The Missoula EMS Advisory Council is working on the project as it has ramifications for medical as well as trauma patients.

State Report: Carol Kussman

ATLS

October 15th and 16 th	Missoula
November 5 th and 6 th	Billings

ATLS next year

March 4 and 5
April 8 and 9
June 24 and 25
October 14 and 15
November 4 and 5

STCC November 8th

SBIRT
RFS update
Crash Data Grant Project
Burden of Injury Report
August 2010 Meeting canceled

Designations

Re-designation TRF Harlowton and Chester 8/30

New Applications Terry 9/30 TRF

On Deck TRF Sheridan and Columbus

ACS Level II/MT regional Trauma end of November Benefis

MHR and Education Foundation
ATLS Equipment caches 4 patient boxes for each regional source site
Trauma Coordinator course on EMSTS website 9 modules and resource links

Pre hospital Trauma Courses for EMS
ATT courses:
Phillipsburg - Three Forks – Drummond – Glasgow - Power
Miles City 7/31
Lewistown 8/21
Townsend, Fairfield 9/11

Montana Trauma System Conference in Helena September 15, 2010 - 80 attendees
232 Attendees at RMRTS in Helena
Next year Kalispell will host the RMRTS 9/21 and 9/22 at the Red lion

Education/meetings

AIS 2005 coder on line education beginning 11.2.10 EMSTS offering ½ tuition reimbursement after course for on TR from each collector facility

Preparedness

ABLS total 119 scheduling 4 to 6 courses
Total BDLS 293
Total ADLS 95
AMA revising course TBC after January 1
Next year budgeting for 3 BDLS courses
ADLS course June 3 and 4 2011 at Fairmont

ECC

Last meeting 8/20/10
Webex
Air medical work group activation guidelines
EMS documentation and rule changes
AED grants
Electronic PMD
EMD training
PM study
Mutual aid radio system workgroup
Next meeting 11/29/10 Helena

Systems issues

Pediatric neurosurgery availability
Bariatric trauma patients
Air medical activation
Interfacility transfer issues
RN/EMT dual licensure
PI from central trauma registry
EMS trip reports
Deaths GCS less than 9 and not intubated
TEAM course issues
Trauma Team responses with leadership changes
GCS educational tool
ET study 5.1.10 EMSTS website
Anticoagulated trauma patients
Obese trauma patients
Rural Preventable Mortality Study

- 3rd study completed
- 1st study overall preventability 13%
- 2nd study overall preventability 8%
- Commencing third study looking at mechanical trauma deaths for 2008
- All aggregated results and conclusions
- Care will not be compared to resources not available
- No facility specific conclusions
- No facility specific feed back

WRTAC PI Report reviewed

YTD N =19 expired

Fall = 10

MVC – 2

SIGSW – 2

MCC – 4

Struck by object = 1

Protective devices 50%

GCS <9 and not intubated

Transported by EMS without trip report divided into Trauma Activation and no activation.

Committee Reports:

Education/Finance

RMRTS allowed 4 scholarships per EMS and Hospital spent \$3,975 on conference

TEAM Course in Phillipsburg

\$4,569 in account

Megan Hamilton doing outreach for St. Pat's in region.

Harborview doing burn classes in Phillipsburg

EMS/Medical Directors

Try to get an email chain going for communication between everyone and will hopefully have more to report next time around

Injury Prevention:

Nothing new to report

Planned Area Trauma Updates

St. Pat's – Disaster Drill for hospital evacuation was completed and had a 3 pronged approach. They wanted to work on internal triage and moving of patients utilizing in-house triage tags. 2 patients planted on each floor and had them transported down to emergency department. Realistic smoke situation was created on the roof by the fire department. The drill pushed command system and employees beyond scope. The drill also tested fire department procedures.

Kalispell RMRTS October 19 at 10:00 AM for planning committee

Superior hired a contractor to start on new hospital

Grant received for heating facility

Phillipsburg is working on ski helmet program with Discovery.

Dillon had Labor Day celebration and gave out several bicycle helmets and alcohol awareness grant is still going strong.

Sheridan is working with concussions with football players and doing education for staff and team. Fire Prevention Week – use fire detectors and emphasizing putting new batteries in them.

St. Pat's has a new position of Director of Outreach Services for St. Pat's Joel Lankford.

Ronan has a 1 year site review on October 19, 2010. Dr. Michael O'Connor new general surgeon on board mid-November.

Sue Ankeney new Trauma Nurse Coordinator at St. James.

Quarterly talks to EMS and prehospital talks. All will be invited, a calendar will be posted

Disaster drill coming up with a bus accident on school property.

Public Comment:

Adjourned 1410

Next Meeting is January 14, 2011 at Community Medical Center in Missoula